

Abstract of the Disclosure

The ZnO-type compound contains at least one metal selected from a group of transition elements consisting of V, Cr, Fe, Co, Ni, Rh and Ru. Ferromagnetic characteristics are adjusted by adjusting densities of these transition elements, by varying combinations of more than two types of metals including Mn, or by adding dopants. It is consequently possible to obtain a ferromagnetic ZnO-type compound exhibiting ferromagnetic characteristics by using a light-transmitting ZnO-type compound, and to obtain a ferromagnetic ZnO-type compound exhibiting desired ferromagnetic characteristics.

009696013-102600